

I claim:

1. A device for both treating and healing damaged body tissue, said device comprising:

(a) an encapsulating means, having a predetermined size and a predetermined shape which are at least sufficient to cover such damaged body tissue, disposed adjacent such damaged body tissue for controlling environmental conditions surrounding such damaged body tissue, said encapsulating means including an outer surface and an inner surface;

(b) an adhesive member disposed between and in intimate contact with an outer edge of said inner surface of said encapsulating means and undamaged body tissue surrounding such damaged body tissue to enable adhering said encapsulating means to such undamaged body tissue; and

(c) at least one fluid transfer means sealingly engaged with said encapsulating means and disposed in fluid communication with a space located between said inner surface of said encapsulating means, an inner edge of said adhesive member and such damaged body tissue for allowing communication of at least one predetermined fluid medium to such space disposed between said inner surface of said encapsulating means thereby enabling such damaged body tissue to be effectively treated and healed in controlled environmental conditions.

2. The device, according to claim 1, wherein said encapsulating means is formed from a predetermined material.

3. The device, according to claim 2, wherein said
5 predetermined material is transparent to enable viewing such damaged body tissue during treatment without having to remove said device.

4. The device, according to claim 1, wherein said adhesive
10 member is double sided tape.

5. The device, according to claim 1, wherein said at least one fluid transfer means is at least one port having each of a predetermined size and a predetermined shape.

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6. The device, according to claim 5, wherein said device includes at least one inlet port and at least one outlet port so that said at least one predetermined fluid medium can be circulated around such damaged body tissue.

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7. The device, according to claim 1, wherein said at least one predetermined fluid medium is a liquid medium.

8. A device for each of treating, healing and acting as a tourniquet on damaged body tissue, said device comprising:

(a) a bladder member having each of a predetermined size and a predetermined shape, said bladder member including;

5 (i) a first member having an outer perimeter and each of a sterile inner surface facing such damaged body tissue and an outer surface, and

(ii) a second member having an outer perimeter secured to said outer perimeter of said first member and each of an outer
10 surface facing atmosphere and an inner surface facing said inner surface of said first member, said second member having a predetermined greater elasticity than said first member for enabling said device to act as said tourniquet;

(b) an adhesive member disposed between and in intimate
15 contact with said inner surface of said first member adjacent said outer perimeter and undamaged body tissue surrounding such damaged body tissue to enable adhering said bladder member to such undamaged body tissue; and

(c) at least one fluid pressure transfer means sealingly
20 engaged with said bladder member and in fluid communication with a space disposed between said first member and said second member for communicating a pressurized fluid into said space and thereby supplying a controlled pressure to said damaged tissue to promote healing thereof.

9. A device for both treating and healing damaged body tissue, according to claim 8, wherein said pressurized fluid is a gas.

5 10. A device for both treating and healing damaged body tissue, according to claim 8, wherein said bladder member is transparent.

11. A device for both treating and healing damaged body
10 tissue, according to claim 8, wherein said adhesive member is double sided tape.

12. A device for both treating and healing damaged body tissue, according to claim 8, wherein said at least one fluid
15 pressure transfer means is a port.

13. A device for both treating and healing damaged body tissue, according to claim 12, wherein said port has a predetermined size and a predetermined shape.

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14. A device for both treating and promoting healing of damaged body tissue, said device comprising;

(a) a bodysuit member having each of a predetermined size and a predetermined shape, said bodysuit having an outer surface

facing atmosphere and an inner surface facing a body area of a person to be treated;

(b) a texture formed on said inner surface of said bodysuit member permit circulation of a predetermined fluid
5 around such body area of such person to be treated when such person is lying down;

(c) at least one fluid transfer means sealingly engaged with said bodysuit and disposed in fluid communication with a space located between said inner surface of said bodysuit and
10 such damaged body tissue for allowing communication of at least one predetermined fluid medium to such space disposed between said inner surface of said bodysuit and such damaged body tissue thereby enabling such damaged body tissue to be effectively treated and healed in controlled environmental conditions.

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15. A device for both treating and promoting healing of damaged body tissue, according to claim 14, wherein said bodysuit is formed from a transparent material.

20 16. A device for both treating and promoting healing of damaged body tissue, according to claim 14, wherein said bodysuit includes a plurality of fluid transfer means.

17. A device for both treating and promoting healing of damaged body tissue, according to claim 16, wherein at least one of said plurality of fluid transfer means is an inlet port.

5 18. A device for both treating and promoting healing of damaged body tissue, according to claim 16, wherein at least one of said plurality of fluid transfer means is an outlet port.

19. A device for both treating and promoting healing of
10 damaged body tissue, according to claim 14, wherein said at least one predetermined fluid medium is a liquid.

20. A device for both treating and promoting healing of damaged body tissue, according to claim 14, wherein said at
15 least one predetermined fluid medium includes medications.

21. A device for both treating and promoting healing of damaged body tissue, according to claim 14, wherein said at least one predetermined fluid medium includes pain killers.

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22. A device for both treating and promoting healing of damaged body tissue, according to claim 14, wherein said at least one predetermined fluid medium includes both medications and pain killers.